

ABSTRACT

DEVICE FOR PROTECTING AN INJECTION APPARATUS

Device (1) for protecting an injection apparatus (4) for injecting a product, the said apparatus comprising a needle (7) and a piston connected to an actuating rod surmounted by a piston head (19), the said device (1) comprising:

- a support sleeve (2),
- a protective sleeve (6) for protecting the needle (7),
- the said device being characterized in that it comprises:
 - first retaining means (8, 10, 12, 13) for holding the protective sleeve (6) in its standby configuration in a first position
 - second retaining means (8, 14-17) for holding the protective sleeve (6) in its standby configuration in a second position,
 - an intermediate collar (18) comprising collaboration means (20) for collaborating with the piston head (19) of the injection apparatus (4) and deactivation means (23-25) for deactivating the said first and second retaining means (8, 10, 12-17),
 - the said second retaining means (8, 14-17) being able to be deactivated by the deactivation means (20) of the said intermediate collar (18) by the release of the pressure of the piston head (19) on the said collaboration means (20) of the said intermediate collar (18) to allow the protective sleeve (6) to deploy under the action of pushing means (26).

Figure 2